

Wild Horse Wind Power Project
Application for Site Certification
Wind Ridge Power Partners, LLC

TABLE OF CONTENTS

ASC SECTION	TAB
i Figures and Tables List	
ii List of Acronyms Used	
1 SUMMARY	1
1.1 INTRODUCTION	1.1
1.2 PURPOSE AND NEED FOR THE PROJECT AND ASSOCIATED FACILITIES	1.2
1.3 DECISIONS TO BE MADE	1.3
1.4 DESCRIPTION OF ALTERNATIVES	1.4
1.4.1 Proposed Action	
1.4.2 Alternatives Considered	
1.5 SUMMARY OF POTENTIAL IMPACTS AND MITIGATION MEASURES	1.5
1.5.1 Introduction	
1.5.2 Additional Mitigation Measures for Project Impacts	
1.6 CUMULATIVE IMPACTS	1.6
1.6.1 Earth Resources	
1.6.2 Vegetation, Wetlands, Wildlife, and Fisheries	
1.6.3 Water Resources	
1.6.4 Health and Safety	

ASC SECTION	TAB
1.6.5 Energy and Natural Resources	
1.6.6 Land Use and Recreation	
1.6.7 Socioeconomics	
1.6.8 Cultural Resources	
1.6.9 Visual Resources	
1.6.10 Transportation	
1.6.11 Air Quality	
1.6.12 Noise	
1.6.13 Public Services and Utilities	
1.7 PUBLIC INVOLVEMENT/ CONSULTATION/COORDINATION	
1.8 ISSUES TO BE RESOLVED	
1.8.1 Compliance with Local Land Use Plans and Zoning	
2 PROPOSED PROJECT AND ALTERNATIVES	2
2.1 INTRODUCTION	2.1
2.1.1 Wind Ridge Power Partners, LLC	
2.1.2 Zilkha Renewable Energy, LLC	
2.2 DESCRIPTION OF THE PROPOSED PROJECT	2.2
2.2.1 Project Summary/Introduction	
2.2.2 Project Location	
2.2.3 Project Facilities	
2.2.4 Design Criteria for Protection from Natural Hazards	
2.2.5 Construction Methodology	
2.2.6 Project Construction Schedule and Workforce	
2.2.7 Operations and Maintenance	
2.2.8 Project Cost Estimate	
2.3 ALTERNATIVES	2.3
2.3.1 Introduction	
2.3.2 No Action Alternative	
2.4 BENEFITS OR DISADVANTAGES OF RESERVING PROJECT APPROVAL FOR A	2.4

ASC SECTION	TAB
LATER DATE	
2.5 REGULATIONS AND PERMITS	2.5
2.5.1 Table of Applicable Federal, State, and Local Requirements	
2.5.2 Pertinent Federal Statutes, Regulations, Rules and Permits	
2.5.3 Pertinent State Statutes, Regulations, Rules and Permits	
2.5.4 State Environmental Policy Act (SEPA)	
2.5.5 Pertinent Local Ordinances and Permits	
2.6 COORDINATION AND CONSULTATION WITH AGENCIES, INDIAN TRIBES, THE PUBLIC, AND NON-GOVERNMENT ORGANIZATIONS	2.6
2.6.1 Local Agency Contacts	
2.6.2 State Agency Contacts	
2.6.3 Federal Agency Contacts	
2.6.4 Tribal Contacts	
2.7 POTENTIAL FOR FUTURE ACTIVITIES AT SITE	2.7
2.7.1 Repowering	
2.7.2 Development on Adjacent Sites	
3 EXISTING CONDITIONS, IMPACTS, AND MITIGATION MEASURES	3
3.1 EARTH	3.1
3.1.1 Existing Conditions	
3.1.2 Impacts of the Proposed Action	
3.1.3 Impacts of the No Action Alternative	
3.1.4 Mitigation Measures	
3.1.5 Significant Unavoidable Adverse Impacts	
3.2 AIR QUALITY	3.2
3.2.1 Existing Conditions	
3.2.2 Impacts of the Proposed Action	
3.2.3 Comparison of Impacts of the Proposed Scenarios	

ASC SECTION	TAB
3.2.4 Impacts of the No Action Alternatives	
3.2.5 Mitigation Measures	
3.2.6 Significant Unavoidable Adverse Impacts	
3.3 WATER RESOURCES	3.3
3.3.1 Existing Conditions	
3.3.2 Impacts of the Proposed Action	
3.3.3 Impacts of the No Action Alternatives	
3.3.4 Mitigation Measures	
3.3.5 Significant Unavoidable Adverse Impacts	
3.4 VEGETATION AND WETLANDS	3.4
3.4.1 Existing Vegetation Conditions	
3.4.2 Project Impact	
3.4.3 Impacts of the No Action Alternatives	
3.4.4 Wetlands	
3.4.5 Mitigation Measures	
3.4.6 Significant Unavoidable Adverse Impacts	
3.5 AGRICULTURAL CROPS AND LIVESTOCK	3.5
3.5.1 Existing Conditions	
3.5.2 Impacts of the Proposed Action	
3.5.3 Impacts of the No Action Alternatives	
3.5.4 Mitigation Measures	
3.5.5 Significant Unavoidable Adverse Impacts	
3.6 WILDLIFE	3.6
3.6.1 Existing Wildlife Conditions	
3.6.2 Impacts of the Proposed Action	
3.6.3 Unique Species	
3.6.4 Comparison of Impacts of the Proposed Scenarios	
3.6.5 Impacts of the No Action Alternatives	
3.6.6 Mitigation Measures	
3.6.7 Significant Unavoidable Adverse Impacts	
3.7 FISHERIES	3.7
3.7.1 Existing Conditions	
3.7.2 Impacts of the Proposed Action	
3.7.3 Comparison of Impacts of the Proposed Scenarios	

ASC SECTION	TAB
3.7.4 Impacts of the No Action Alternative	
3.7.5 Mitigation Measures	
3.7.6 Significant Unavoidable Adverse Impacts	
3.8 ENERGY AND NATURAL RESOURCES	3.8
3.8.1 Existing Conditions	
3.8.2 Impacts of the Proposed Action	
3.8.3 Impacts of the No Action Alternatives	
3.8.4 Mitigation Measures	
3.8.5 Significant Unavoidable Adverse Impacts	
3.9 NOISE	3.9
3.9.1 Existing Conditions	
3.9.2 Impacts of the Proposed Action	
3.9.3 Comparison of Impacts of the Proposed Scenarios	
3.9.4 Impacts of the No Action Alternative	
3.9.5 Mitigation Measures	
3.9.6 Significant Unavoidable Adverse Impacts	
3.10 LAND USE	3.10
3.10.1 Existing Conditions	
3.10.2 Impacts of the Proposed Action	
3.10.3 Impacts of the Alternatives	
3.10.4 Mitigation Measures	
3.10.5 Significant Unavoidable Adverse Impact	
3.11 VISUAL RESOURCES/LIGHT AND GLARE	3.11
3.11.1 Introduction	
3.11.2 Existing Conditions	
3.11.3 Impacts of the Proposed Action	
3.11.4 Comparison of Impacts of the Proposed Scenarios	
3.11.5 Impacts of the No Action Alternative	
3.11.6 Mitigation Measures	
3.11.7 Significant Unavoidable Adverse Impacts	
3.12 POPULATION, HOUSING, AND ECONOMICS	3.12
3.12.1 Existing Conditions	
3.12.2 Impacts of the Proposed Action	
3.12.3 Impacts of the No Action Alternative	
3.12.4 Mitigation Measures	

ASC SECTION	TAB
3.12.5 Significant Unavoidable Adverse Impacts	
3.13 PUBLIC SERVICES AND UTILITIES/RECREATION	3.13
3.13.1 Existing Conditions	
3.13.2 Impacts of the Proposed Action	
3.13.3 Impacts of the No Action Alternative	
3.13.4 Mitigation Measures	
3.13.5 Significant Unavoidable Adverse Impacts	
3.14 CULTURAL RESOURCES	3.14
3.14.1 Introduction	
3.14.2 Existing Conditions	
3.14.3 Cultural Resources Assessment	
3.14.4 Impacts of the Proposed Action	
3.14.5 Comparison of Impacts of the Proposed Scenarios	
3.14.6 Impacts of the No Action Alternative	
3.14.7 Significant Unavoidable Adverse Impacts	
3.15 TRAFFIC AND TRANSPORTATION	3.15
3.15.1 Existing Conditions	
3.15.2 Impacts of Proposed Action	
3.15.3 Comparison of Impacts of the Proposed Scenarios	
3.15.4 Impacts of the No Action Alternative	
3.15.5 Mitigation Measures	
3.15.6 Significant Unavoidable Adverse Impacts	
3.16 HEALTH AND SAFETY	3.16
3.16.1 Impacts of the Proposed Action	
3.16.2 Comparison of Impacts of the Proposed Scenarios	
3.16.3 Impacts of the No Action Alternative	
3.16.4 Mitigation Measures	
3.16.5 Significant Unavoidable Adverse Impacts	
3.17 CUMULATIVE IMPACTS	3.17
3.17.1 Introduction	
3.17.2 Desert Claim Wind Power Project	
3.17.3 Kittitas Valley Wind Power Project	
3.17.4 Project Comparison	
3.17.5 Earth Resources	

ASC SECTION	TAB
3.17.6 Vegetation, Wetlands, Wildlife and Fisheries	
3.17.7 Water Resources	
3.17.8 Health and Safety	
3.17.9 Energy and Natural Resources	
3.17.10 Land Use and Recreation	
3.17.11 Socio-Economic	
3.17.12 Employment Income and County Revenues	
3.17.13 Cultural Resources	
3.17.14 Visual Resources	
3.17.15 Transportation	
3.17.16 Air Quality	
3.17.17 Noise	
3.17.18 Public Services and Utilities	
3.18 RELATIONSHIP BETWEEN SHORT TERM USES OF THE ENVIRONMENT AND THE MAINTENANCE OF LONG TERM PRODUCTIVITY	3.18
3.19 IRREVERSIBLE OR IRRETRIEVABLE COMMITMENTS OF RESOURCES	3.19
4 REQUIRED EFSEC INFORMATION	4
4.1 ASSURANCES	4.1
4.1.1 Insurance Policies	
4.1.2 Environmental Impairment	
4.1.3 Project Site Abandonment	
4.2 SOURCES OF INFORMATION	4.2
4.2.1 References by Section	
4.2.2 Preapplication Studies	
4.3 LEGAL DESCRIPTIONS AND OWNERSHIPS	4.3
4.4 CONSTRUCTION MANAGEMENT	4.4
4.4.1 Management structure	
4.4.2 Quality Assurance /Quality Control	
4.4.3 Environmental Protection	
4.4.4 Safety Program	
4.5 NPDES	4.5

ASC SECTION	TAB
4.5.1 NPDES Permit Requirements	
4.5.2 NPDES Permit Application	
4.6 EMERGENCY PLANS	4.6
4.6.1 Introduction	
4.6.2 Events Covered by Emergency Plans	
4.6.3 Personal Medical Injury	
4.6.4 Construction Emergency Plan	
4.6.5 Project Evacuation	
4.6.6 Fire or Explosion	
4.6.7 Floods	
4.6.8 Extreme Weather Abnormalities	
4.6.9 Earthquake	
4.6.10 Volcanic Eruption	
4.6.11 Facility Blackout	
4.6.12 Chemical or Oil Spill Release	
4.6.13 Blade or Tower Failure	
4.6.14 Aircraft Impact	
4.6.15 Vandalism	
4.6.16 Bomb Threat	
4.7 CRITERIA USED FOR TRANSMISSION ROUTE AND DESIGN	4.7
4.8 INITIAL SITE RESTORATION PLAN	4.8
4.8.1 Project Design Life	
4.8.2 Project Decommissioning	
4.8.3 Preparation of Final Restoration Plan	
4.8.4 Hazardous Materials Survey	
4.9 STUDY SCHEDULES	4.9
4.10 LIST OF PREPARERS	4.10